

JP5174826A2:ZINC ALKALINE BATTERY

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Country: JP Japan

Kind:

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SANYO EXCEL KK
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Issued/Filed Dates: July 13, 1993 / Dec. 25, 1991

Application Number: JP1991000343183

IPC Class: H01M 4/62; H01M 4/24; H01M 10/24;

Abstract:

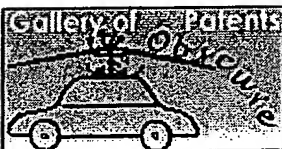
Purpose: To remarkably improve the corrosion resistance of a zinc electrode to improve its reliability and battery characteristics even if it is reactivated.

Constitution: In a zinc alkali battery which uses zinc as a negative electrode active material and an alkali solution as an electrolyte, monopolyoxyethylene fatty acid alkyl amide, which is expressed by the following chemical formula, is used as antiseptics for the negative electrode active material; $RCON(CH_2CH_2O)_nH$, where R is an alkyl group and n is a polymerization degree of polyoxyethylene.

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Other Abstract Info: CHEMABS 120(06)058506G CAN120(06)058506G DERABS C93-254092
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Foreign References: No patents reference this one



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